

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT



<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> Dye 5-29A1					
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> BLUEBELL					
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>					
<b>6. NAME OF OPERATOR</b> EP ENERGY E&P COMPANY, L.P.						<b>7. OPERATOR PHONE</b> 713 997-5038					
<b>8. ADDRESS OF OPERATOR</b> 1001 Louisiana, Houston, TX, 77002						<b>9. OPERATOR E-MAIL</b> maria.gomez@epenergy.com					
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> Fee			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Carol E. Dye Trust & R. Garold Dye Trust						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 435-722-3197					
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> RR 1 Box 1080, Roosevelt, UT 84066						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>					
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>		<b>RANGE</b>		<b>MERIDIAN</b>	
LOCATION AT SURFACE		675 FSL 1217 FEL		SESE	29	1.0 S		1.0 W		U	
Top of Uppermost Producing Zone		675 FSL 1217 FEL		SESE	29	1.0 S		1.0 W		U	
At Total Depth		675 FSL 1217 FEL		SESE	28	1.0 S		1.0 W		U	
<b>21. COUNTY</b> DUCHESE			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 675			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640					
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completion)</b> 1200			<b>26. PROPOSED DEPTH</b> MD: 14800 TVD: 14800					
<b>27. ELEVATION - GROUND LEVEL</b> 5286			<b>28. BOND NUMBER</b> 400JU0708			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Roosevelt City/Ballard City					
<b>Hole, Casing, and Cement Information</b>											
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Length</b>	<b>Weight</b>	<b>Grade &amp; Thread</b>	<b>Max Mud Wt.</b>	<b>Cement</b>	<b>Sacks</b>	<b>Yield</b>	<b>Weight</b>	
COND	17.5	13.375	0 - 800	54.5	J-55 ST&C	8.8	Class G	1121	1.15	15.8	
SURF	12.25	9.625	0 - 4500	40.0	N-80 LT&C	9.5	Type V	641	3.16	11.0	
							Class G	194	1.31	14.3	
I1	8.75		0 - 10150	29.0	HCP-110 LT&C	11.0	Class G	388	1.91	12.5	
							Class G	171	1.65	13.0	
Prod	6.125	5	0 - 10050	18.0	HCP-110 LT&C	14.5	Class G	336	1.42	16.4	
			10050 - 14800	18.0	HCP-110 LT&C	14.5	None				
<b>ATTACHMENTS</b>											
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
<b>NAME</b> Maria S. Gomez			<b>TITLE</b> Principal Regulatory Analyst			<b>PHONE</b> 713 997-5038					
<b>SIGNATURE</b>			<b>DATE</b> 02/03/2014			<b>EMAIL</b> maria.gomez@epenergy.com					
<b>API NUMBER ASSIGNED</b> 43013528300000						<b>APPROVAL</b>					

**Received: June 10, 2014**

**Dye 5-29A1  
Sec. 29, T1S, R1W  
DUCHESNE COUNTY, UT**

**EP ENERGY E&P COMPANY, L.P.**

**DRILLING PROGRAM**

**1. Estimated Tops of Important Geologic Markers**

<u>Formation</u>	<u>Depth</u>
Green River (GRRV)	5,793' TVD
Green River (GRTN1)	7,103' TVD
Mahogany Bench	7,803' TVD
L. Green River	9,023' TVD
Wasatch	10,088' TVD
T.D. (Permit)	14,800' TVD

**2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	5,793' MD / TVD
	Green River (GRTN1)	7,103' MD / TVD
	Mahogany Bench	7,803' MD / TVD
Oil	L. Green River	9,023' MD / TVD
Oil	Wasatch	10,088' MD / TVD

**3. Pressure Control Equipment: (Schematic Attached)**

A 5" by 20.0" rotating head on structural pipe from surface to 900' MD/TVD. A 5" by 13-3/8" Diverter Stack w/ rotating head from 900' MD/TVD to 4,500' MD/TVD on Conductor. A 10M BOP stack w/ rotating head, 5M annular, flex rams, blind rams, mud cross & single w/ flex rams from 4,500' MD/TVD to 10,150' MD/TVD. A 10M BOP stack w/ rotating head, 5M annular, flex rams, blind rams, mud cross & single w/ flex rams from 10,150' MD/TVD to TD (14,800' MD/TVD).

The BOPE and related equipment will meet the requirements of the 5M and 10M system.

**OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:**

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11" 5M x 11" 10M spool, 11" x 10M psi BOP and 5M psi annular will be nipped up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the

**Received: June 10, 2014**

greater of 1,500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock and floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test / 4,000 psi high test. The 10M BOP will be installed with rotating head, 5M annular, flex rams, blind rams, mud cross & single w/ flex rams from surface shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventer will be activated weekly and weekly BOP drills will be held with each crew.

**Statement on Accumulator System and Location of Hydraulic Controls:**

Patterson Rig # 307 is expected to be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M and 10M psi systems.

**Auxiliary Equipment:**

- A) Pason Gas Monitoring 900' - TD
- B) Mud logger with gas monitor – 4,500' to TD (14,800' MD/TVD)
- C) Choke manifold with one manual and one hydraulic operated choke
- D) Full opening floor valve with drill pipe thread
- E) Upper and lower Kelly cock
- F) Shaker, de-sander and centrifuge

**4. Proposed Casing & Cementing Program:**

Please refer to the attached Wellbore Diagram.

All casing will meet or exceed the following design safety factors:

- Burst = 1.00
- Collapse = 1.125
- Tension = 1.2 (including 100k# overpull)

Cement design calculations for intermediate and production hole will be based on minimum 10% excess over gauge hole volumes. Actual volumes pumped will be a minimum of 10% excess over caliper volume to designed tops of cement for any section logged. A minimum of 50% excess over gauge volume will be pumped on surface casing.

**5. Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.8 – 9.5
Intermediate	WBM	9.5 – 11.0
Production	WBM	11.5 – 14.5

Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

Logs:

Mud Log: 4,500' MD/TVD – TD (14,800' MD/TVD)

Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from surface casing shoe to TD.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 14,800' TVD equals approximately 11,159 psi. This is calculated based on a 0.754 psi/ft gradient (14.5 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 7,903 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

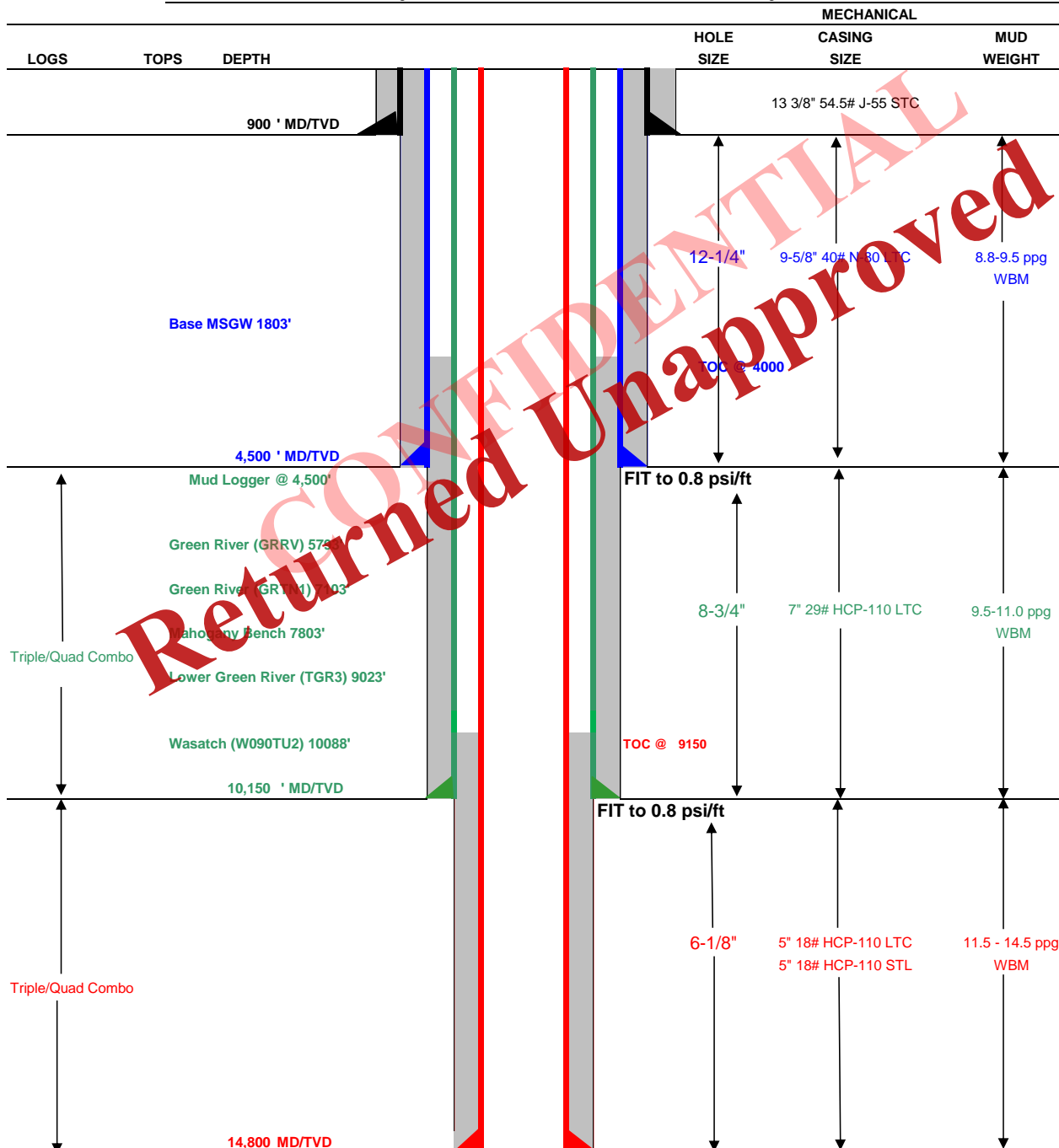
Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 10,150' TVD = 8,120 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 7,903 psi.

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**

## Drilling Schematic

Company Name: EP ENERGY	Date: May 26, 2014
Well Name: Dye 5-29A1	TD: 14,800
Field, County, State: Altamont, Duchesne, Utah	AFE #: TBD
Surface Location: Sec 29 T1S R1W 67S FSL 1217' FEL	BHL: Straight Hole
Objective Zone(s): Green River, Wasatch	Elevation: 5286
Rig: Patterson 307	Spud (est.): TBD
BOPE Info: 5.0 x 13 3/8 Diverter System w/ rotating head from 900' to 4,500' . 11 10M BOP stack w/ rotating head & 5M annular from 4,500' to 10,150'. 11 10M BOP stack w/rotating head, 5M annular, flex rams, blind rams, mud cross & single w/ flex rams from 10,150' to TD	



**DRILLING PROGRAM**

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0	900	54.5	J-55	STC	2,740	1,130	514
SURFACE	9-5/8"	0	4500	40.00	N-80	LTC	5,750	3,090	737
INTERMEDIATE	7"	0	10150	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION	5"	0	10050	18.00	HCP-110	LTC	13,940	15,450	495
PRODUCTION	5"	10050	14800	18.00	HCP-110	STL	13,940	15,450	495

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		900	Class G + 3% CACL2	1121	100%	15.8 ppg	1.15
SURFACE	Lead	4,000	EXTENDACEM SYSTEM: Type V + 5 lbm/sk Silicalite Compacted + 0.25 lbm/sk Kwik Seal + 0.125 lbm/sk Poly-E-Flake + 2% Bentonite	641	75%	11.0 ppg	3.16
	Tail	500	HALCEM SYSTEM: Class G + 3 lbm/sk Silicalite Compacted + 1% Salt + 0.3% Econolite + 0.25 lbm/sk Poly-E-Flake + 0.25 lbm/sk Kwik Seal + 0.5% HR-5	194	50%	14.3 ppg	3.31
INTERMEDIATE	Lead	4,500	EXPANDACEM SYSTEM: Class G Cement + 6% Bentonite + 0.2% Econolite + 0.3% Versaset + 0.7% HR-5 + 0.3% Super CBL + 0.2% Halad(R)-322 + 0.125 lbm/sk Poly-E-Flake	388	10%	12.5 ppg	1.91
	Tail	1,650	BONDCEM SYSTEM: Class G Cement + 4% Bentonite + 0.25 lbm/sk Poly-E-Flake + 0.1% Halad-413 + 0.5 lbm/sk Silicalite Compacted + 0.15% SSA-1015 + 0.3% HR-5	171	10%	13.0 ppg	1.65
PRODUCTION		5,650	EXPANDACEM (TM) SYSTEM: Class G + 35% SSA-1 (Silica Flour) + 0.3% D-Air 3000 + 0.55% HR-601 + 0.5% Halad(R)-413 + 0.125 lbm/sk Poly-E-Flake + 1% Bentonite	336	25%	16.40	1.42

FLOAT EQUIPMENT & CENTRALIZERS	
CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M, P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. No marker joint is needed.
LINER	Float shoe, 2 joints, float collar. Thread lock all FE. Maker joints every 1000' f/ intermediate shoe to TD.

PROJECT ENGINEER(S): Brad MacAfee 713-997-6383

MANAGER: Bob Dodd

**EP ENERGY E&P COMPANY, L.P.**  
**DYE 5-29A1**  
**SECTION 29, T1S, R1W, U.S.B.&M.**

PROCEED WEST AND THEN NORTHEASTERLY ON STATE HIGHWAY 121 FROM THE INTERSECTION OF STATE HIGHWAY 121 WITH U.S. HIGHWAY 40 IN ROOSEVELT, UTAH 4.11 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL EASTERLY AND THEN NORTHERLY ALONG A PAVED COUNTY ROAD 1.67 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD;

TURN LEFT AND TRAVEL WESTERLY ON PROPOSED ACCESS ROAD 0.20 MILES TO THE PROPOSED LOCATION;

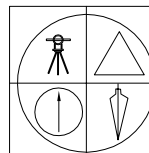
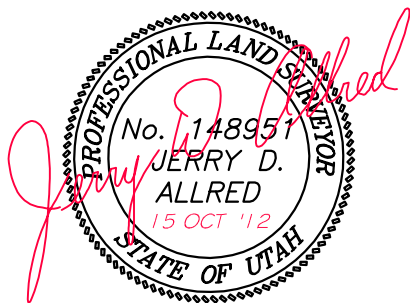
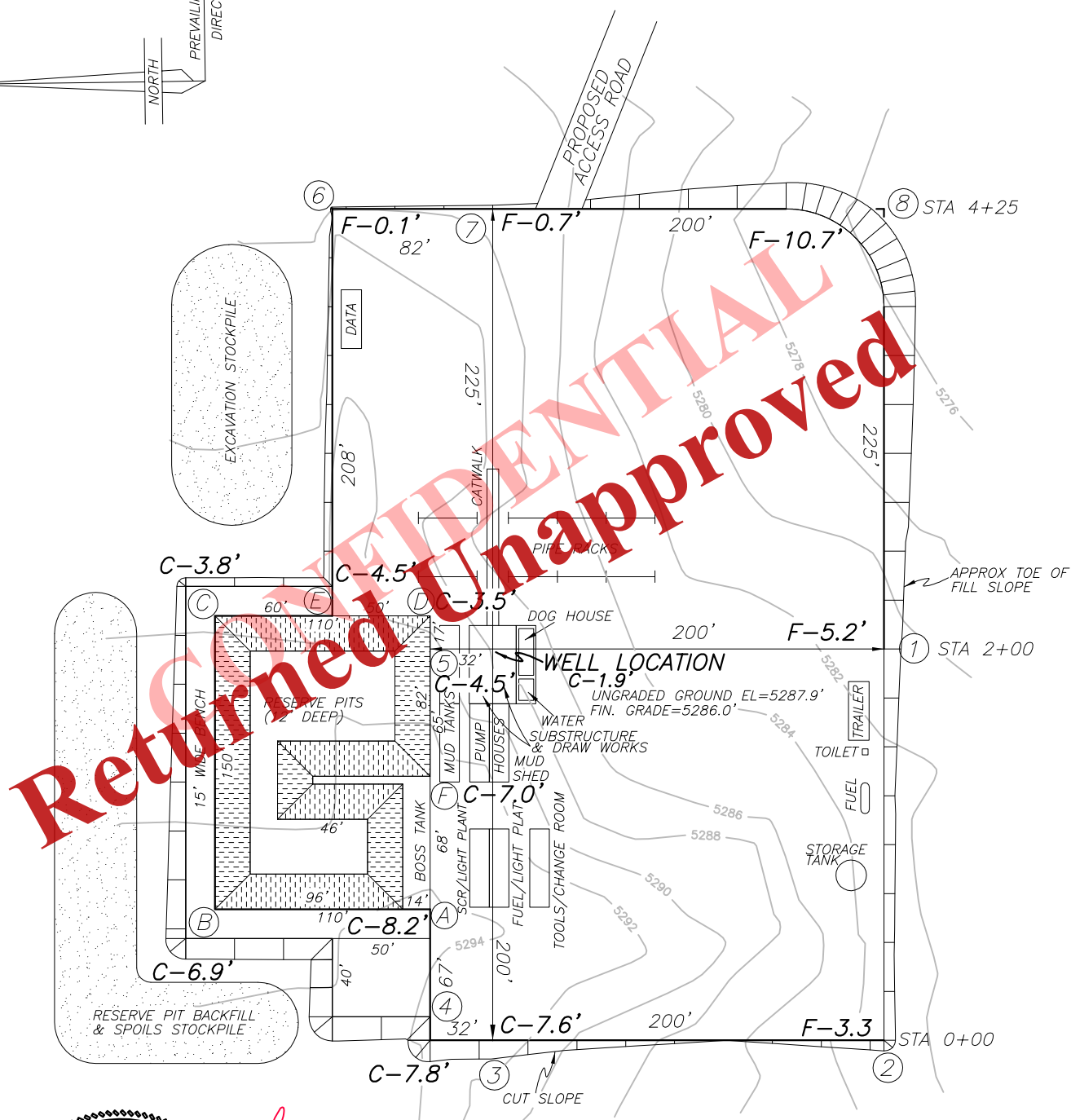
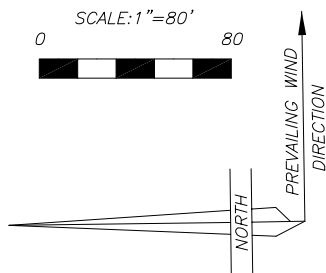
TOTAL DISTANCE FROM ROOSEVELT, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 5.98 MILES.

**CONFIDENTIAL**  
**Returned Unapproved**

FIGURE #1

DYE 5-29A1

675' FSL, 1217' FEL



1235 NORTH 700 EAST--P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

01-128-336

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# EP ENERGY E & P COMPANY, L.P.

FIGURE #2

## LOCATION LAYOUT FOR

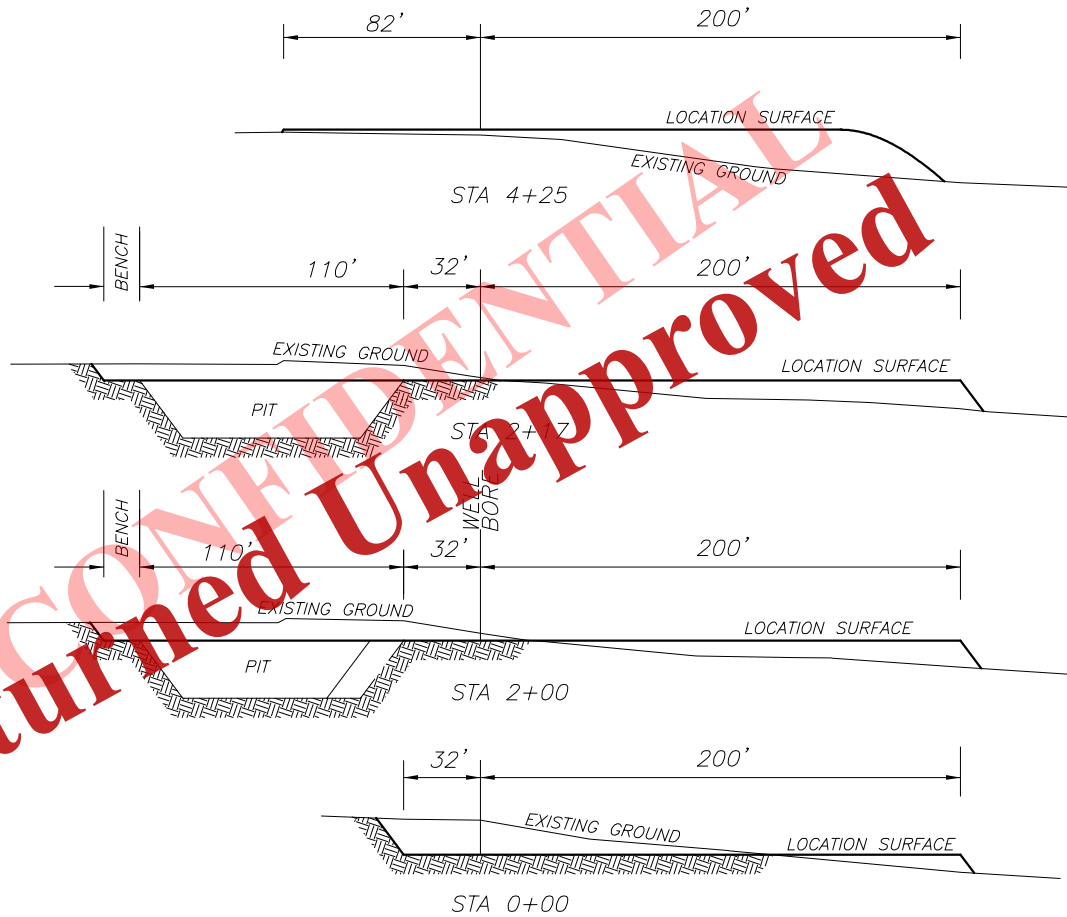
DYE 5-29A1

SECTION 29, T1S, R1W, U.S.B.&M.

675' FSL, 1217' FEL

1"=40'  
X-SECTION  
SCALE  
1"=80'

NOTE: ALL CUT/FILL  
SLOPES ARE 1½:1  
UNLESS OTHERWISE  
NOTED



### APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 18,208 CU. YDS.

PIT CUT = 4572 CU. YDS.

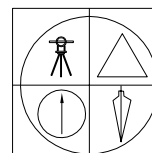
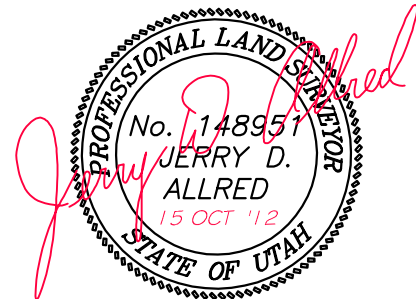
TOPSOIL STRIPPING: (6") = 2660 CU. YDS.

REMAINING LOCATION CUT = 10,976 CU. YDS.

TOTAL FILL = 10,976 CU. YDS.

LOCATION SURFACE GRAVEL=1374 CU. YDS. (4" DEEP)

ACCESS ROAD GRAVEL=385 CU. YDS.



JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

15 OCT 2012

01-128-336

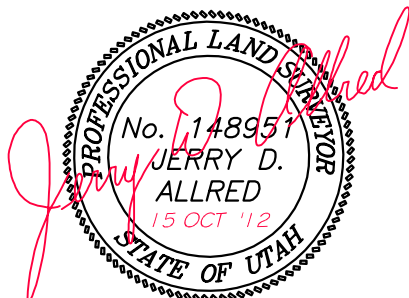
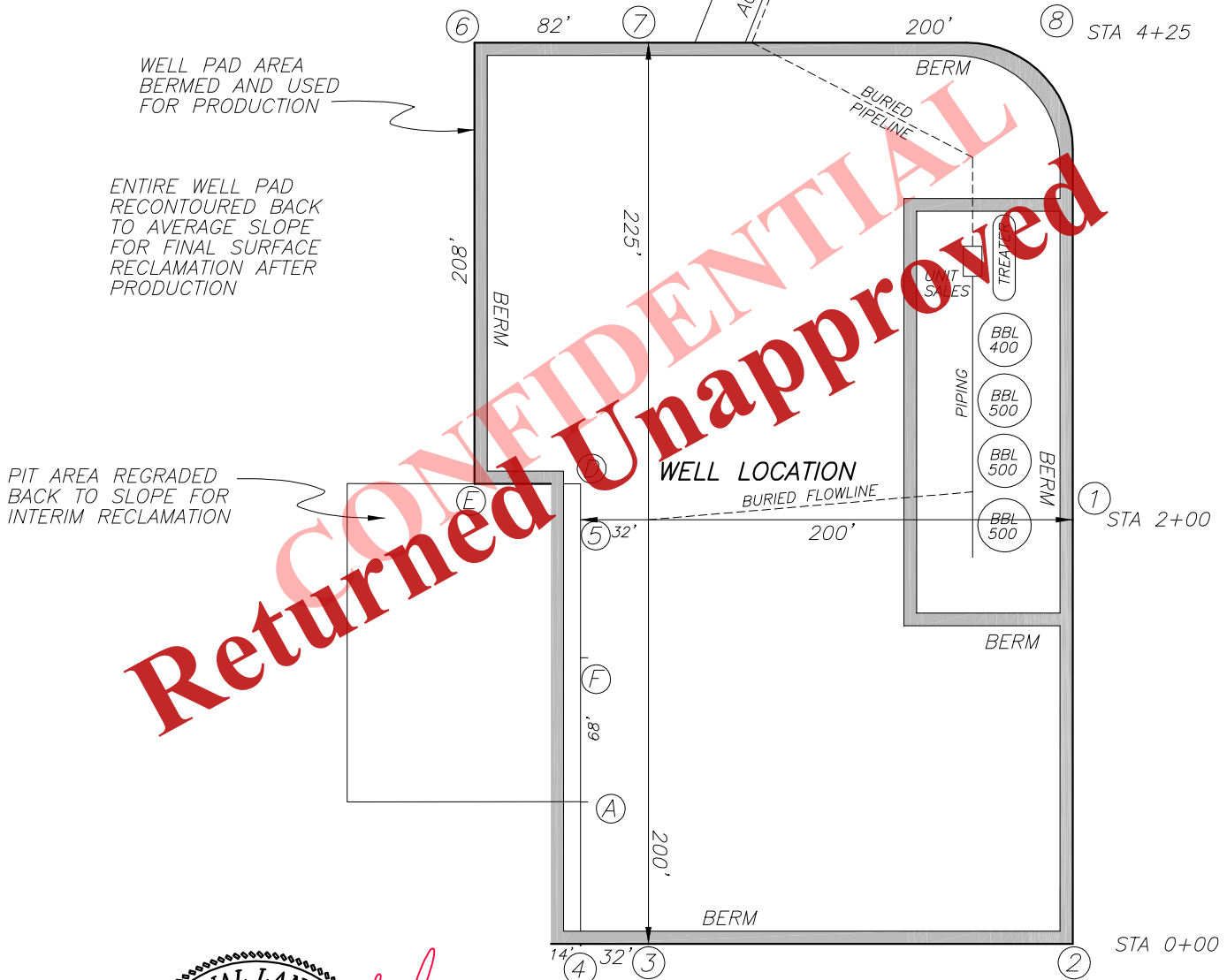
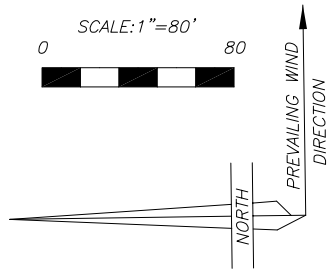
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# EP ENERGY E & P COMPANY, L.P.

FIGURE #3

## LOCATION LAYOUT FOR DYE 5-29A1

SECTION 29, T1S, R1W, U.S.B.&M.  
675' FSL, 1217' FEL



	<b>JERRY D. ALLRED &amp; ASSOCIATES</b> SURVEYING CONSULTANTS
	1235 NORTH 700 EAST--P.O. BOX 975 DUCHESNE, UTAH 84021 (435) 738-5352

15 OCT 2012

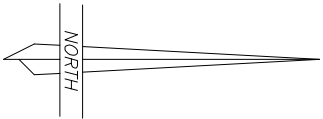
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SW¼NE¼

SE¼NE¼

SEC 29 SEC 28



SCALE: 1" = 1000'



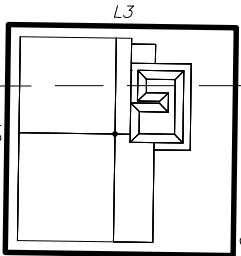
DYE R GAROLD TRUSTEE  
NW¼SE¼

DYE R GAROLD TRUSTEE  
NE¼SE¼

LINE	BEARING	DISTANCE
L1	S 00°48'03" W	475.00'
L2	N 89°11'57" W	475.00'
L3	N 00°48'03" E	475.00'
L4	S 89°11'57" E	475.00'
L5	S 67°11'18" E	691.78'
L6	S 73°13'26" E	84.41'
L7	S 85°39'44" E	239.17'

EP ENERGY E&P COMPANY, L.P.  
SURFACE USE AREA  
DYE 5-29A1  
5.18 ACRES

DYE R GAROLD TRUSTEE  
SW¼SE¼



PROPOSED 66' WIDE  
ACCESS ROAD, POWER  
LINE, AND PIPELINE  
CORRIDOR RIGHT-OF-WAY

PROPOSED  
PIPELINE

DYE R GAROLD TRUSTEE  
SE¼SE¼

TO SECTION CORNER  
S 89°58'40" W 5272.44'

SEC 29 SEC 28  
SEC 32 SEC 33

FOUND COUNTY CORNER MONUMENT  
AT QUARTER SECTION CORNER

N 00°08'14" W 2637.36'

LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE

CORRIDOR RIGHT-OF-WAY SURVEY FOR  
EP ENERGY E&P COMPANY, L.P.

DYE 5-29A1  
SECTION 29, T1S, R1W, U.S.B.&M.  
DUCHESENE COUNTY, UTAH

USE AREA BOUNDARY DESCRIPTION

Commencing at the East Quarter Corner of Section 29, Township 1 South, Range 1 West of the Uintah Special Base and Meridian;  
Thence South 29°10'58" West 1966.04 feet to the TRUE POINT OF BEGINNING;  
Thence South 00°48'03" West 475.00 feet;  
Thence North 89°11'57" West 475.00 feet;  
Thence North 00°48'03" East 475.00 feet;  
Thence South 89°11'57" East 475.00 feet to the TRUE POINT OF BEGINNING, containing 5.18 acres.

ACCESS ROAD, POWER LINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 66 feet wide access road, power line, and pipeline corridor right-of-way over portions of Section 29, Township 1 South, Range 1 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows:  
Commencing at the Southeast Corner of Section 29, Township 1 South, Range 1 West of the Uintah Special Base and Meridian;  
Thence North 57°05'26" West 1154.28 feet to the TRUE POINT OF BEGINNING;  
Thence South 67°11'18" East 691.78 feet;  
Thence South 73°13'26" East 84.41 feet;  
Thence South 85°39'44" East 239.17 feet to the East line of an existing road. Said right-of-way being 1015.36 feet in length with the side lines being shortened or elongated to intersect said use area boundary and existing road lines.

SURVEYOR'S CERTIFICATE

This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and access road, power line, and pipeline corridor right-of-way shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.

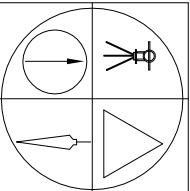
JERRY D. ALLRED, REGISTERED LAND SURVEYOR,  
CERTIFICATE NO. 148951 (UTAH)



THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

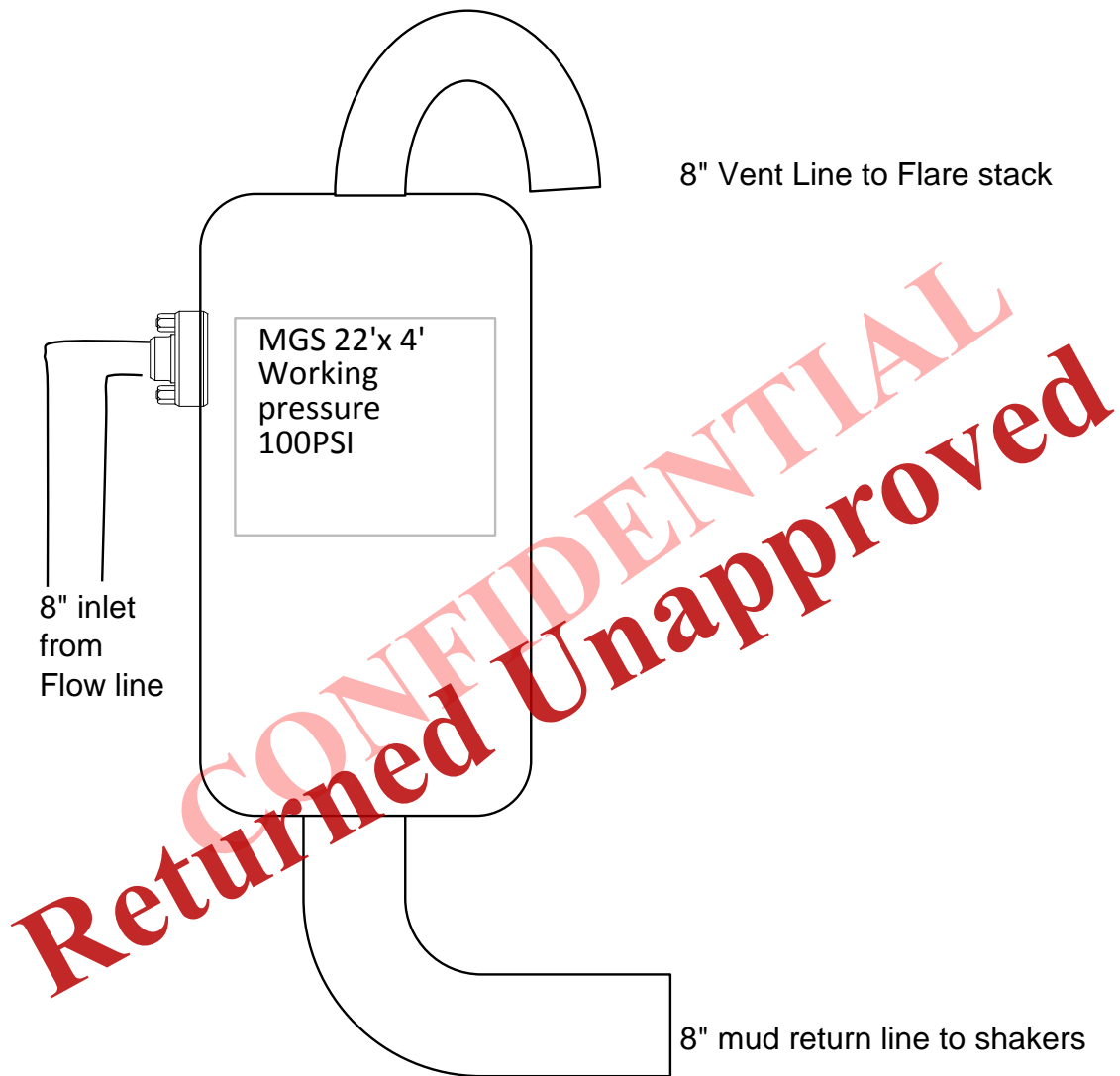
THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT.40°20'35.626"N AND LONG 109°59'30.141"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

15 OCT 2012 01-128-336



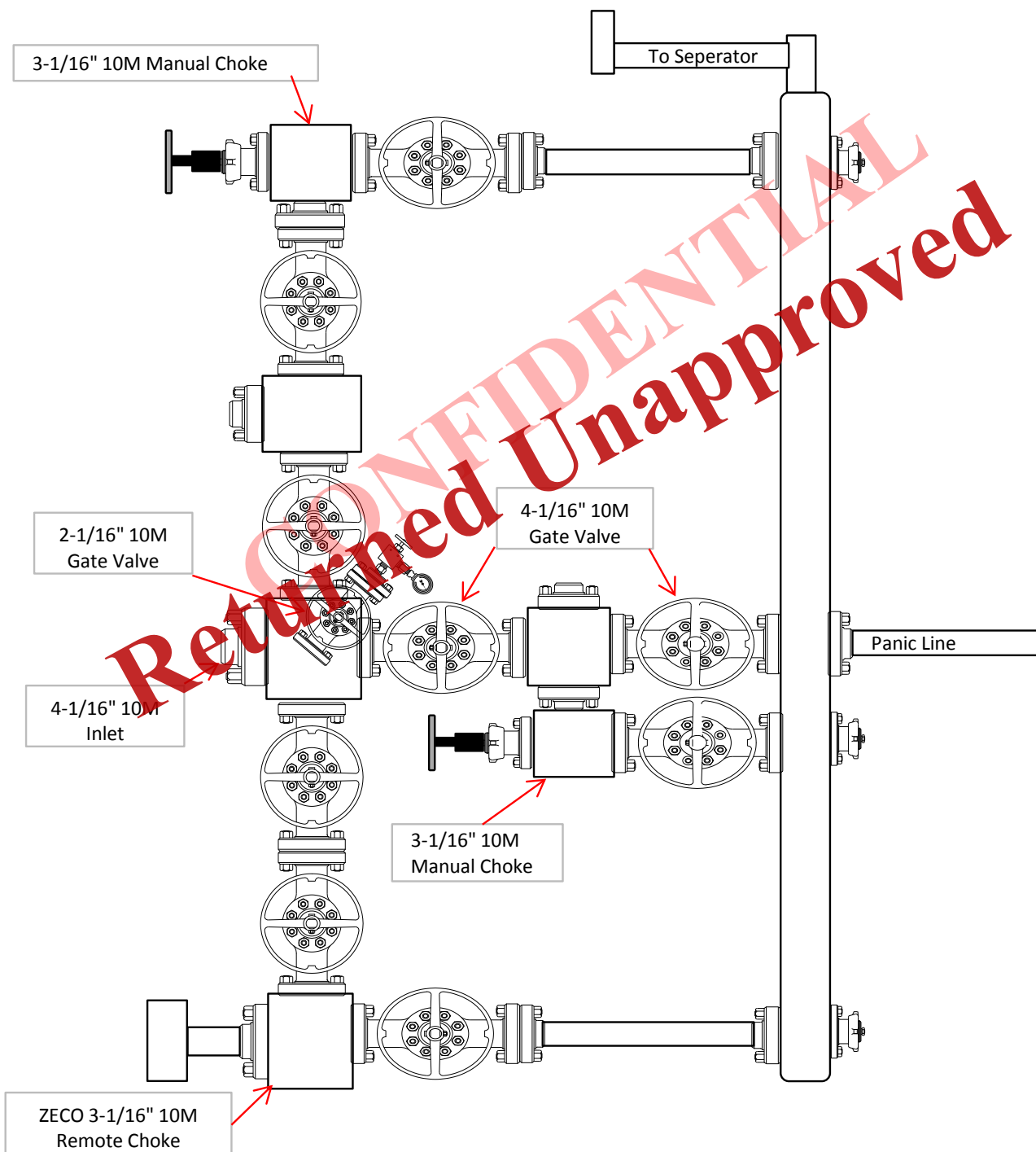
JERRY D. ALLRED AND ASSOCIATES  
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1235 NORTH 700 EAST--P.O. BOX 975  
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## Mud Gas Separator

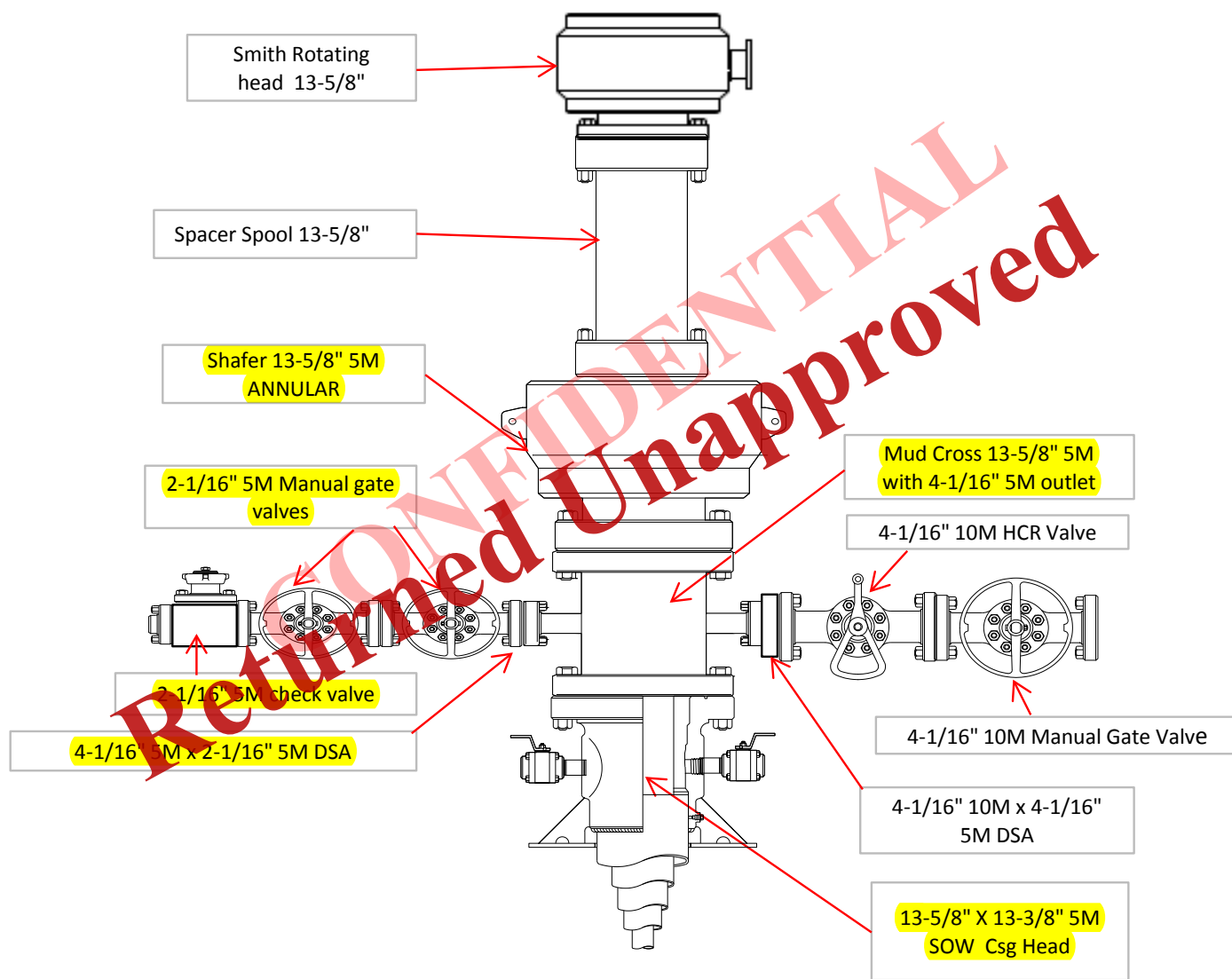


## 10M Choke Monifold Configuration

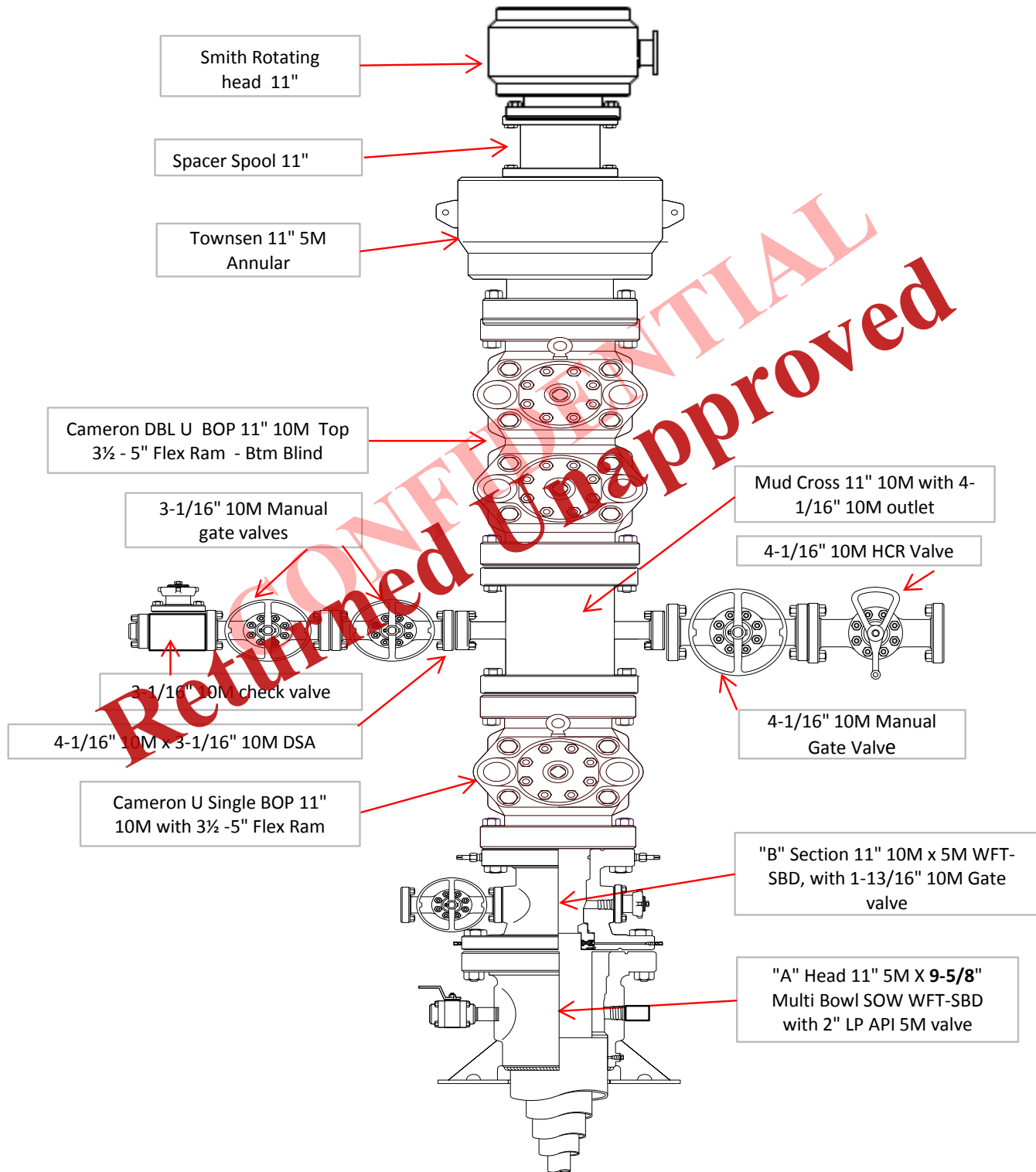
All valves on the Choke Monifold are 3-1/16" 10M except for those that are identified below.



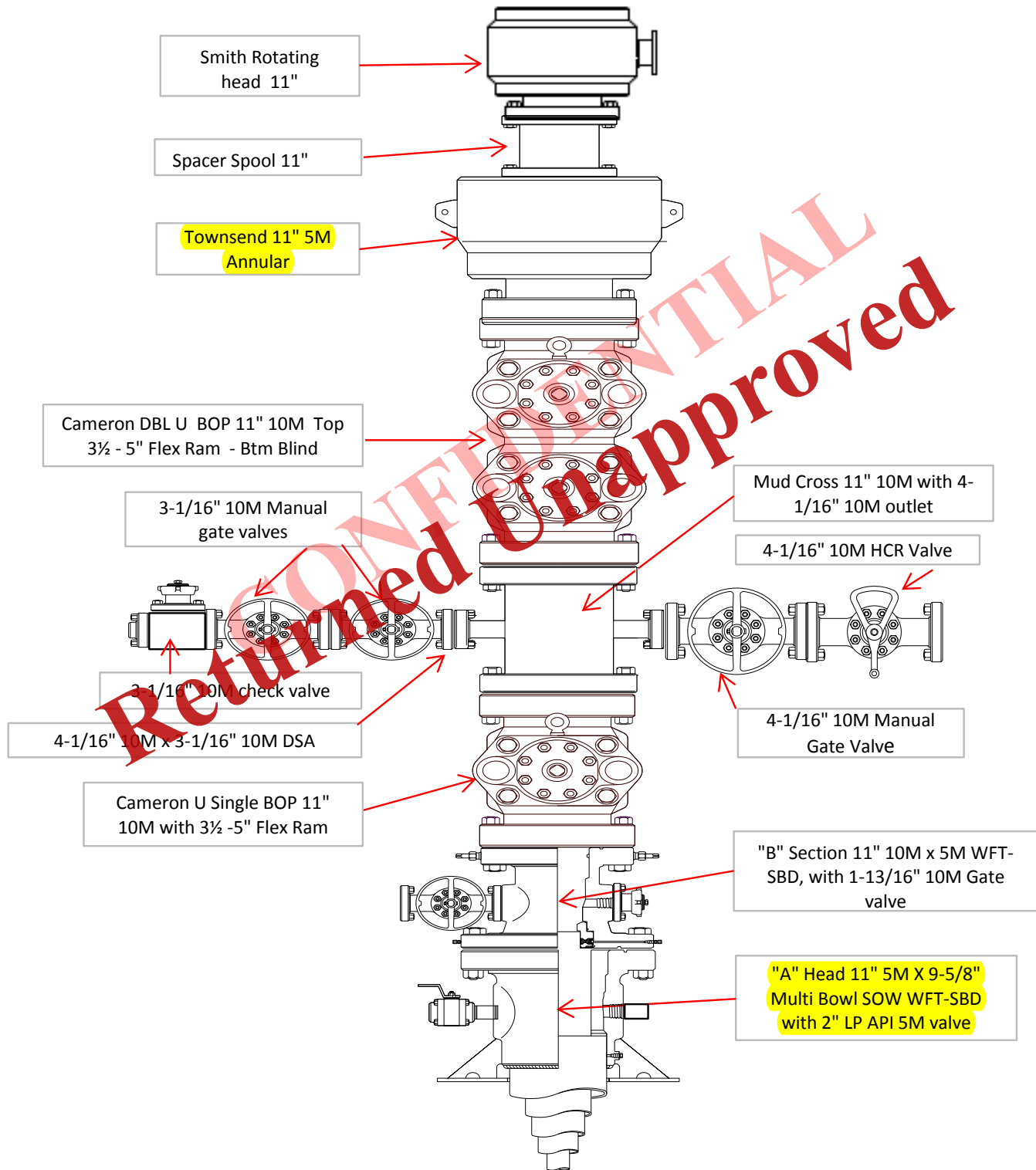
# Surface 13-5/8" 3M Diverter Configuration



## Intermediate 11" 5M BOP Configuration



# Production 11" 10M BOP Configuration



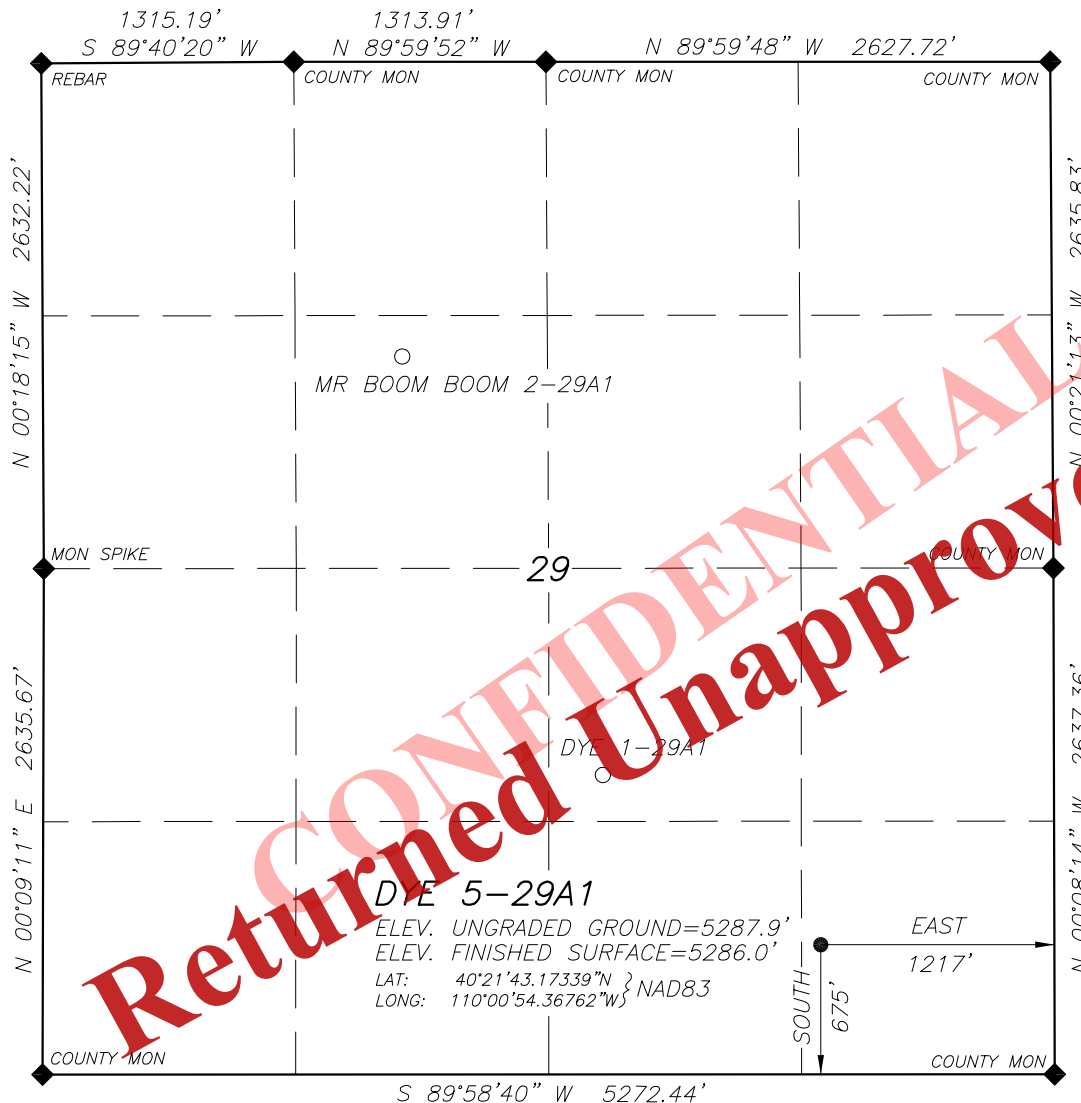


# EP ENERGY E & P COMPANY, L.P.

## WELL LOCATION

DYE 5-29A1

LOCATED IN THE SE¼ OF THE SE¼ OF  
SECTION 29, T1S, R1W, U.S.B.&M.  
DUCHESNE COUNTY, UTAH



SCALE: 1"=1000'



NOTE:  
NAD27 VALUES FOR  
WELL POSITION:  
LAT: 40.36203563° N  
LONG: 110.01439536° W

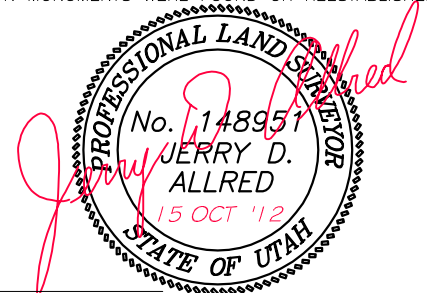
### LEGEND AND NOTES

- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY
- THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP
- THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT
- THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT. 40°20'35.626"N AND LONG 109°59'30.141"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

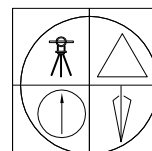
BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.



JERRY D. ALLRED, REGISTERED LAND SURVEYOR,  
CERTIFICATE NO. 148951 (UTAH)

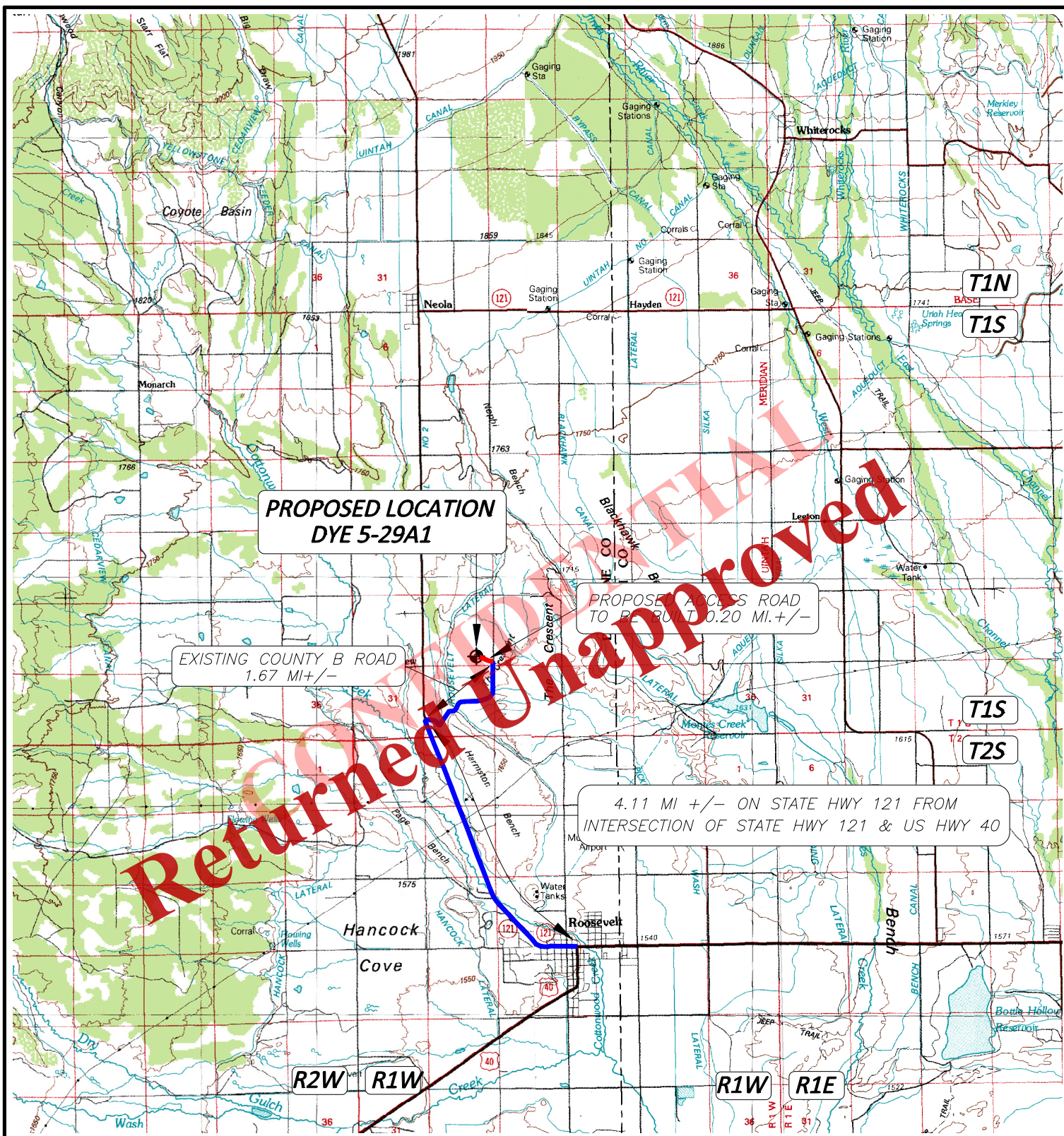


JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

15 OCT 2012 01-128-336

Received: February 03, 2014



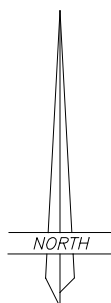
## LEGEND:

◆ PROPOSED WELL LOCATION

01-128-336

**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975  
DUCHESE, UTAH 84021  
(435) 738-5352



**EP ENERGY E & P COMPANY, L.P.**

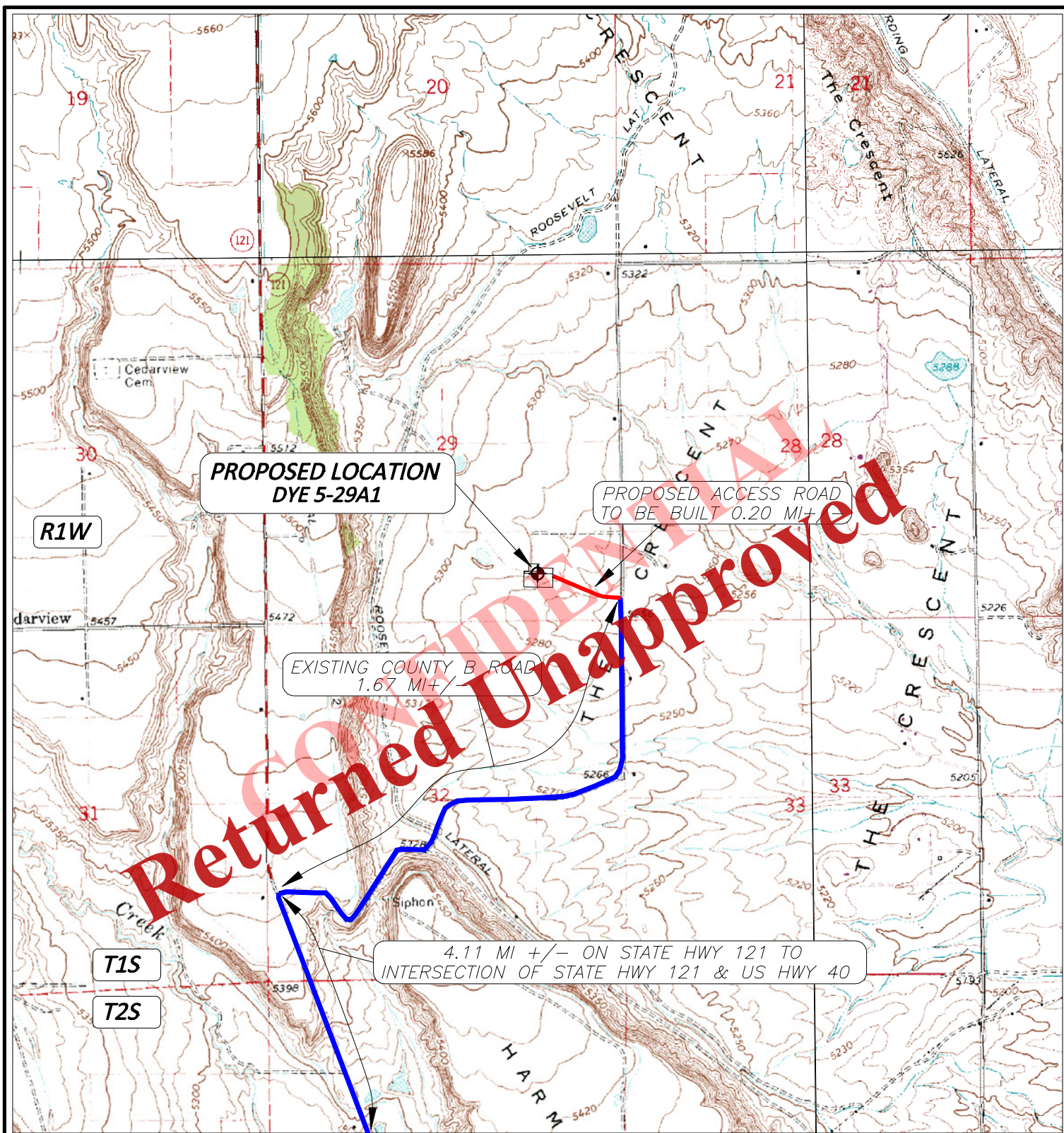
DYE 5-29A1  
SECTION 29, T1S, R1W, U.S.B.&M.  
675' FSL, 1217' FEL

**TOPOGRAPHIC MAP "A"**





SCALE: 1"=10,000'  
15 OCT 2012

**Received: February 03, 2014**

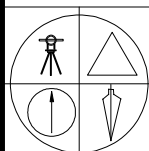




## LEGEND:

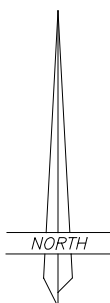
-  PROPOSED WELL LOCATION
-  PROPOSED ACCESS ROAD
-  EXISTING GRAVEL ROAD
-  EXISTING PAVED ROAD

01-128-336



**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975  
DUCHESTER, UTAH 84021  
(435) 738-5352



**EP ENERGY E & P COMPANY, L.P.**

**DYE 5-29A1**

**SECTION 29, T1S, R1W, U.S.B.&M.**

**675' FSL, 1217' FEL**

**TOPOGRAPHIC MAP "B"**

SCALE: 1"=2000'

15 OCT 2012

**Received: February 03, 2014**







**AFFIDAVIT OF SURFACE DAMAGE AND RIGHT-OF-WAY AGREEMENTS**

Orion L. Mitchell personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Orion L. Mitchell. I am a Landman for EP Energy E&P Company, L.P., formally known as El Paso E&P Company, L.P., whose address is 1001 Louisiana Street, Houston, Texas 77002 ("EP Energy").
2. EP Energy is the operator of the proposed Dye 5-29A1 well ("the Well") to be located in the SE/4SE/4 of Section 29, Township 1 South, Range 1 West, U.S.B.&M., Duchesne County, Utah (the "Drillsite Location"). The surface owners of the Drillsite Location are Carol E. Dye Trust, dated November 24, 2008, represented by R. Garold Dye and Carol E. Dye as Trustees, whose mailing address is RR 1 Box 1080, Roosevelt, UT 84066-9704 and whose telephone number is 435-722-3197 and R. Garold Dye Trust, dated November 24, 2008, represented by R. Garold Dye and Carol E. Dye as Trustees, whose mailing address is Route 1 Box 1080, Roosevelt, UT 84066 and whose telephone number is 435-722-3197 (the "Surface Owners").
3. EP Energy and the Surface Owners have entered into a Damage Settlement and Release Agreement dated August 14, 2013 to cover any and all injuries or damages of every character and description sustained by the Surface Owners or Surface Owner's property as a result of operations associated with the drilling of the Well.
4. EP Energy and the Surface Owners have also entered into a Right-of-Way Agreement dated August 14, 2013 for an access road and pipeline corridor across the E2SESE Section 29, Township 1 South, Range 1 West, U.S.B.&M., Duchesne County, Utah.

FURTHER AFFIANT SAYETH NOT.

  
Orion L. Mitchell

**ACKNOWLEDGMENT**

STATE OF TEXAS

COUNTY OF HARRIS

This instrument was acknowledged before me on this 5th day of September, 2013 by Orion L. Mitchell as a Landman for EP ENERGY E&P COMPANY, L.P., a Delaware limited partnership, on behalf of said partnership and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.



  
Notary Public in and for State of Texas

**Received: February 03, 2014**

EP Energy E&P Company, L.P.

**Related Surface Information**

1. **Current Surface Use:**
  - Livestock Grazing and Oil and Gas Production.
2. **Proposed Surface Disturbance:**
  - The road will be crown and ditch. Water wings will be constructed on the access road as needed.
  - The topsoil will be windrowed and re-spread in the borrow area.
  - New road to be constructed will be approximately .20 miles in length and 66 feet wide.
  - All equipment and vehicles will be confined to the access road, pad and area specified in the APD.
3. **Location Of Existing Wells:**
  - Existing oil, gas wells within one (1) mile radius of proposed well are provided in EXHIBIT C.
4. **Location And Type Of Drilling Water Supply:**
  - Drilling water: Roosevelt City/Ballard City
5. **Existing/Proposed Facilities For Productive Well:**
  - There are no existing facilities that will be utilized for this well.
  - A pipeline corridor .20 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
  - Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.
6. **Construction Materials:**
  - Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.
7. **Methods For Handling Waste Disposal:**
  - The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of 1½ the total depth below the original ground surface on the lowest point with the pit. The pit will be lined with a 20-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be placed in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
  - Garbage and other trash will be contained in the portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig moving off location and hauled to an authorized disposal site.
  - Sewage will be handled in Portable Toilets.
  - Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from the location at a later date.
  - Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's
8. **Ancillary Facilities:**
  - There will be no ancillary facilities associated with this project.

9. **Surface Reclamation Plans:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared.

- Seed will be planted after September 15<sup>th</sup>, and prior to ground frost, or seed will be planted after the frost has left and before May 15<sup>th</sup>. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.
  1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
  2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
  3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.
- Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.
  1. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
  2. Landowner will be contacted for rehabilitation requirements.

10. **Surface Ownership:**

Carol E. Dye Trust and R. Garold Dye Trust  
R. Garold Dye & Carol E. Dye as Trustees  
RR 1 Box 1080  
Roosevelt, Utah 84066-9704  
435-722-3197

**Other Information:**

- The surface soil consists of clay and silt.
- Flora – vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- Fauna – antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- Current surface uses – Livestock grazing and mineral exploration and production.

• **Operator and Contact Persons:**

**Construction and Reclamation:**

EP Energy E&P Company, L.P.  
Wayne Garner  
PO Box 410  
Altamont, Utah 84001  
435-454-3394 – Office  
435-823-1490 – Cell

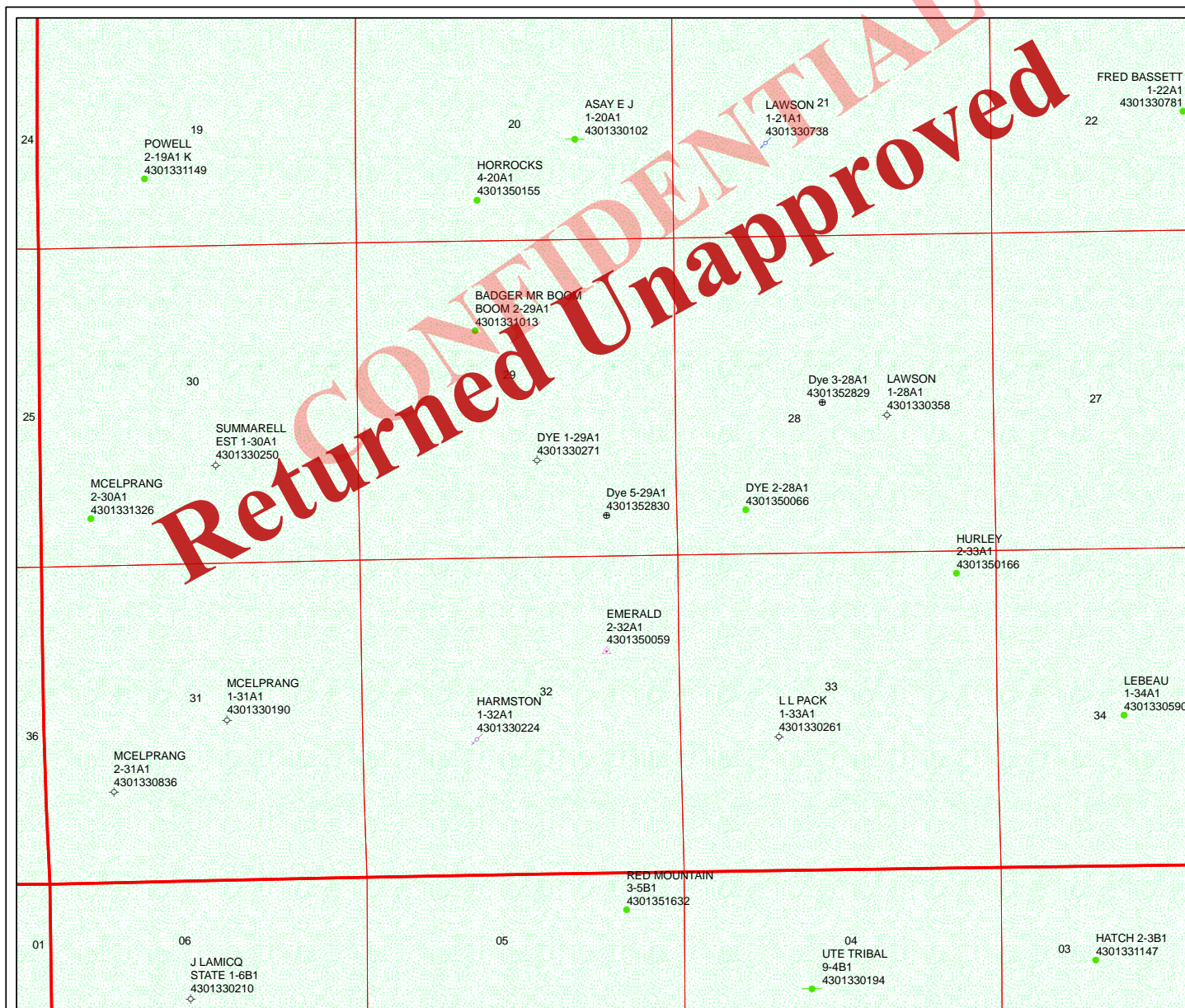
**Regarding This APD**

EP Energy E&P Company, L.P.  
Maria S. Gomez  
1001 Louisiana, Rm 2730D  
Houston, Texas 77002  
713-997-5038 – Office

**Drilling**

EP Energy E&P Company, L.P.  
Brad MacAfee – Drilling Engineer  
1001 Louisiana, Rm 2660D  
Houston, Texas 77002  
713-997-6383 – office  
281-813-0902 – Cell





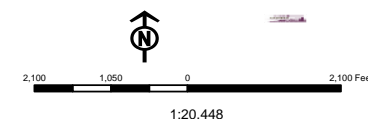
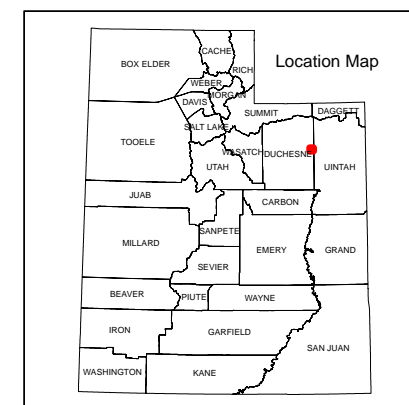
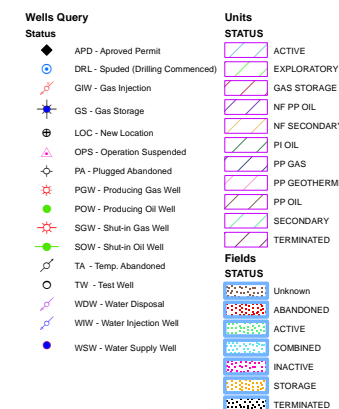
API Number: 4301352830

Well Name: Dye 5-29A1

Township: T01.0S Range: R01.0W Section: 29 Meridian: U

Operator: EP ENERGY E&P COMPANY, L.P.

Map Prepared: 2/6/2014  
Map Produced by Diana Mason



Received: February 06, 2014





GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

February 03, 2016

EP ENERGY E&P COMPANY, L.P.  
1001 Louisiana  
Houston, TX 77002

Re: Application for Permit to Drill - DUCHESNE County, Utah

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the Dye 5-29A1 well, API 43013528300000 that was submitted February 03, 2014 is being returned unapproved. If you plan on drilling this well in the future, you must first submit a new application.

Should you have any questions regarding this matter, please call me at (801) 538-5312.

Sincerely,

Diana Mason  
Environmental Scientist

Enclosure

cc: Bureau of Land Management, Vernal, Utah



